M/045/046

McFARLAND & HULLINGER

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December 16, 2002

Mr. Tom Munson
Utah Department of Natural Resources
Division of Oil Gas and Mining
1596 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

RECEIVED
DEC 16 2002
DIV. OF OIL, GAS & MINING

Re: Request to Revise the SiO2 1-6 Mine Plan (File # M/045/046)

Dear Mr. Munson:

McFarland & Hullinger L.C. hereby requests a revision to the mine plan on file for the SiO2 1-6 (File # M/045/046).

The revision will allow McFarland & Hullinger to Stage, Crush, Screen, and Transport Ore material, from Barneys Canyon (BC), at the SiO2 1-6 mine on Stansbury Island in Northern Tooele County.

I. **Material:** The BC material is an ore material that is best described with the enclosed MSDS.

II. **Staging:** The BC material will be staged at various times in several locations, but will always be managed in a similar manner. At no time will the material remain in one place for more than 30 days. The material will remain on dolometic surfaces while it is being Staged. The dolometic surface provides a chemical barrier for any acidic material trying to migrate as well as distinct color difference between the BC material and the staging surface beneath it. The staging areas will include (a) the Initial Dump Point which is located adjacent to the working surface of the mine face. A maximum of 1000 tons of material will be stored at this location for a maximum of 30 days. (b) the Landing beneath the primary crusher. A maximum of 1000 tons of commingled material will be stored at this location for a maximum of 10 days. (c) the landing beneath the cone crusher. A maximum of 1000 tons of commingled material will be stored at this location for a maximum of 10 days. (d) the stockpile beneath the tertiary crusher. A maximum of 5000 tons of commingled material will be stored at this location for a maximum of 30 days. A dolomite berm will be placed around the entire area in order to minimize the possibility of migration of the BC material.

III. **Crushing and Screening:** The material will be commingled with the Silica rock that is currently being crushed and screened at the mine site, hence the material will be crushed in the exact manner that is currently being performed.

IV. **Transportation:** The BC material will be transported from Barneys Canyon to Stansbury Island by truck and unloaded at the mine face. Once the BC material is crushed and screened to specification, it will be loaded into trucks and shipped to the Kennecott smelter for use in their smelting process.

Conclusion: The BC material will change the basic operation at the crushing facility only slightly and poses minimal risk for migration. McFarland & Hullinger will sample the facility prior to this operation commencing, once a year thereafter, and upon completion of the project to prove that the material hasn't spread and ultimately to prove that it has been cleaned completely up upon completion.

We appreciate your consideration and are prepared to provide any clarifying information as needed. Please contact either myself, or Sid Hullinger at 801-355-0527 for any assistance in this matter.

Sincerely,

Dan K. Owen
Vice President